

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111224AR\
 Data File : FD048709.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2024 10:01
 Operator : YP/AJ
 Sample : P4791-02DL 10X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 23:22:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.376	1070898	7.056 ug/ml
Spiked Amount 50.000		Recovery =	14.11%
6) S 2-Fluorobiphenyl (SURR)	8.230	675883	6.883 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	13.77%
11) S ortho-Terphenyl (SURR)	11.261	706957	4.150 ug/ml
Spiked Amount 50.000		Recovery =	8.30%
Target Compounds			
2) T Naphthalene (C11.7)	5.724	110764	0.621 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	902235	5.044 ug/ml
5) T Acenaphthylene (C15.06)	8.031	381829	2.175 ug/ml
7) T Acenaphthene (C15.5)	8.317	144539	0.815 ug/ml
8) T Fluorene (C16.55)	9.078	253108	1.497 ug/ml
9) T Phenanthrene (C19.36)	10.488	121199	0.733 ug/ml
10) T Anthracene (C19.43)	10.587	233486	1.460 ug/ml
12) T Fluoranthene (C21.85)	12.265	285472	1.735 ug/ml
13) T Pyrene (C20.8)	12.605	65991	0.410 ug/ml
14) T Benzo[a]anthracene (C...	14.453	120119	0.822 ug/ml
15) T Chrysene (C27.41)	14.499	1151550	7.001 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.410	45591	0.303 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.722	540396	4.142 ug/ml
20) T Dibenzo[a,h]anthracene...	17.777	460529	2.830 ug/ml
21) T Benzo[g,h,i]perylene ...	18.032	1008400	6.587 ug/ml

(f)=RT Delta > 1/2 Window

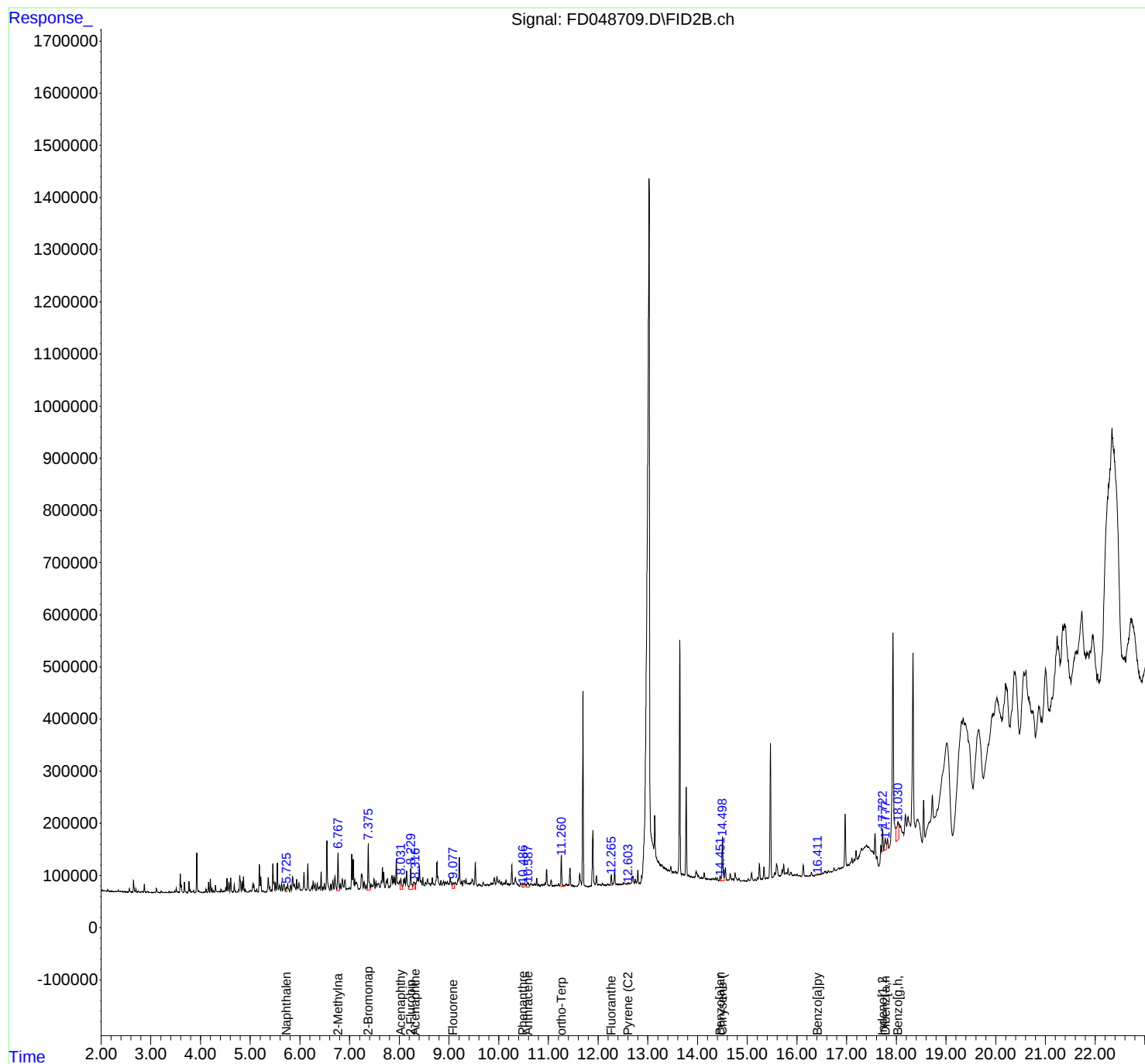
(m)=manual int.

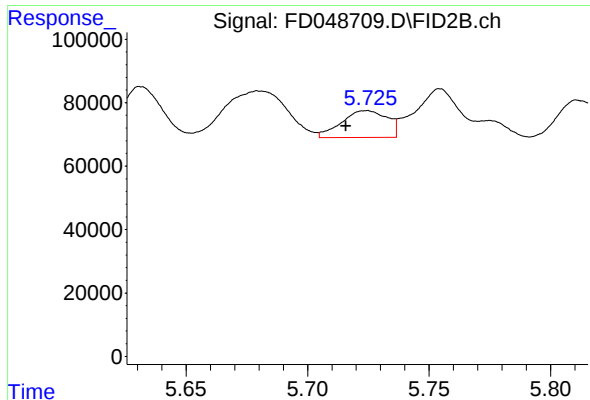
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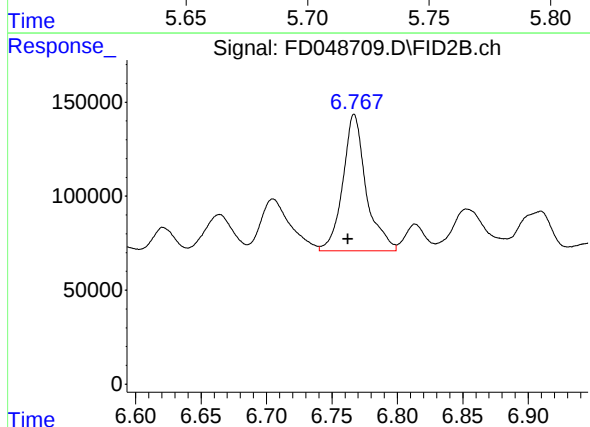




#2 Naphthalene (C11.7)

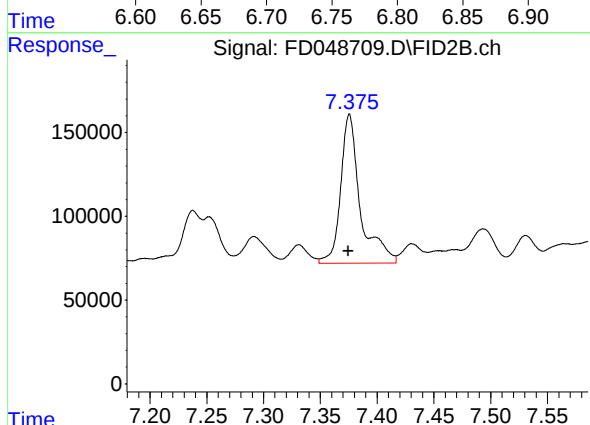
R.T.: 5.724 min
Delta R.T.: 0.009 min
Response: 110764
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



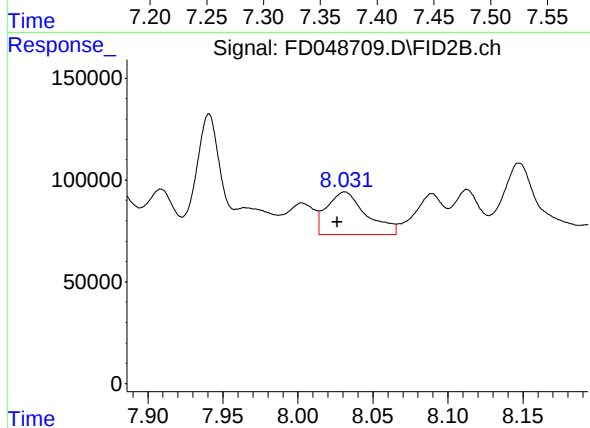
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: 0.005 min
Response: 902235
Conc: 5.04 ug/ml



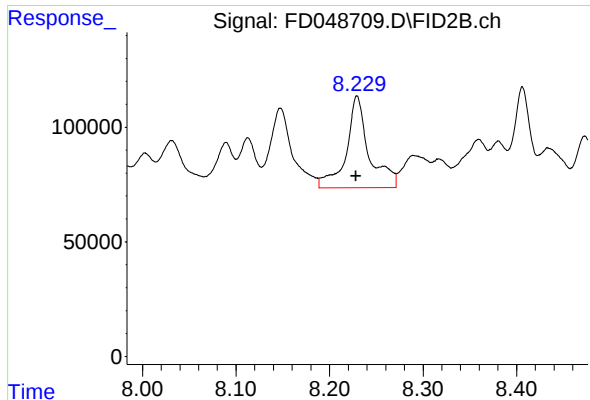
#4 2-Bromonaphthalene (SURR)

R.T.: 7.376 min
Delta R.T.: 0.001 min
Response: 1070898
Conc: 7.06 ug/ml



#5 Acenaphthylene (C15.06)

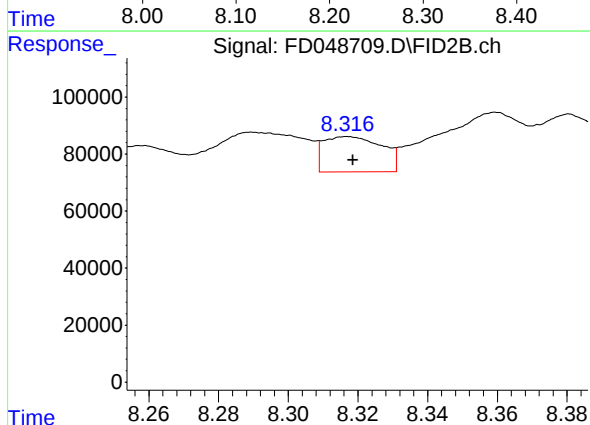
R.T.: 8.031 min
Delta R.T.: 0.005 min
Response: 381829
Conc: 2.17 ug/ml



#6 2-Fluorobiphenyl (SURR)

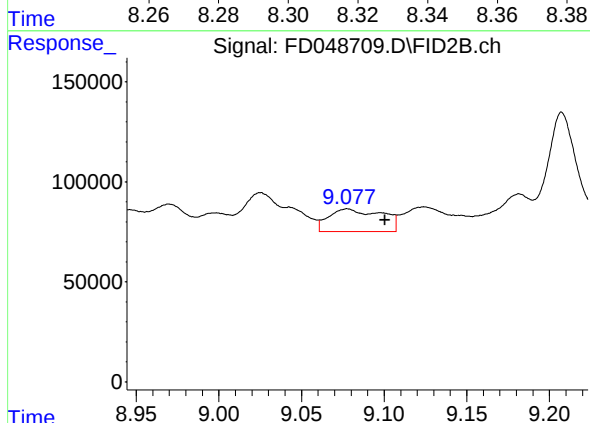
R.T.: 8.230 min
Delta R.T.: 0.001 min
Response: 675883
Conc: 6.88 ug/ml

Instrument :
FID_D
ClientSampleId :



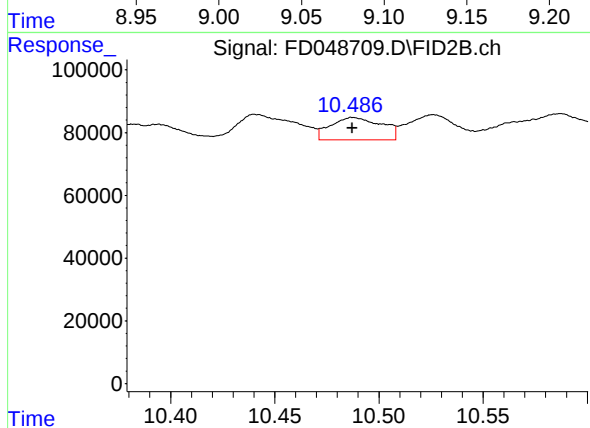
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 144539
Conc: 0.81 ug/ml



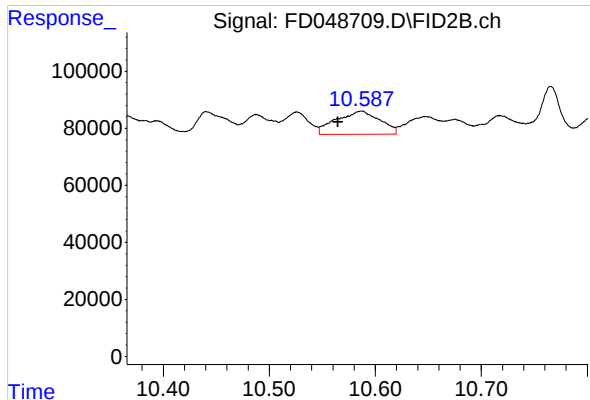
#8 Flouorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.023 min
Response: 253108
Conc: 1.50 ug/ml



#9 Phenanthrene (C19.36)

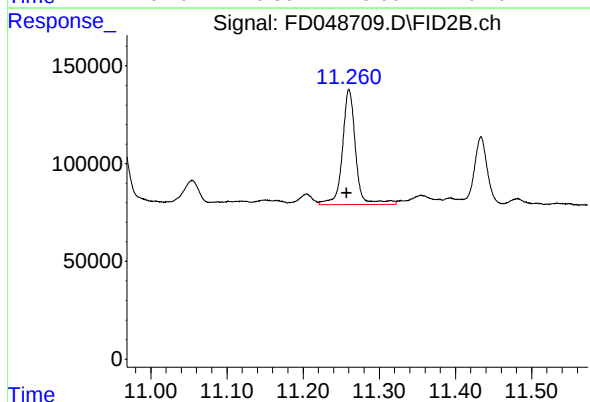
R.T.: 10.488 min
Delta R.T.: 0.000 min
Response: 121199
Conc: 0.73 ug/ml



#10 Anthracene (C19.43)

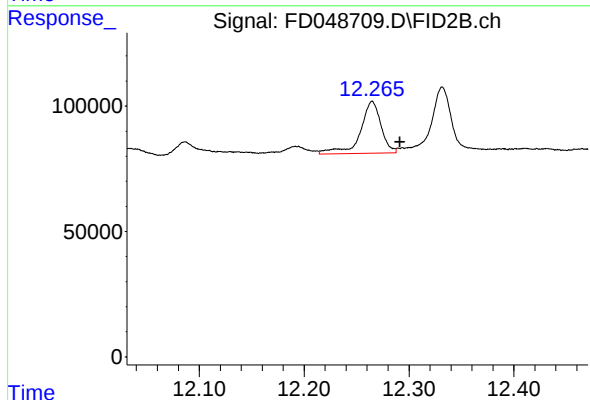
R.T.: 10.587 min
Delta R.T.: 0.022 min
Response: 233486
Conc: 1.46 ug/ml

Instrument :
FID_D
ClientSampleId :



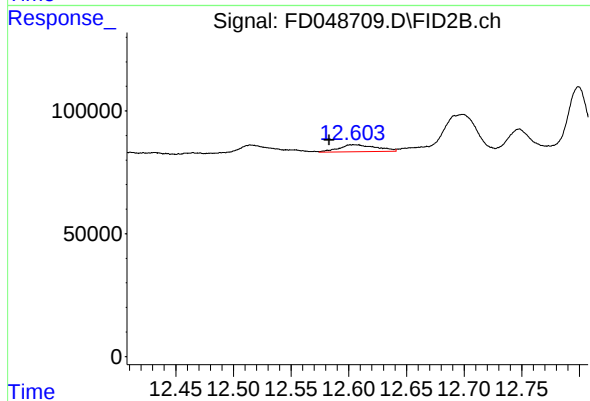
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: 0.004 min
Response: 706957
Conc: 4.15 ug/ml



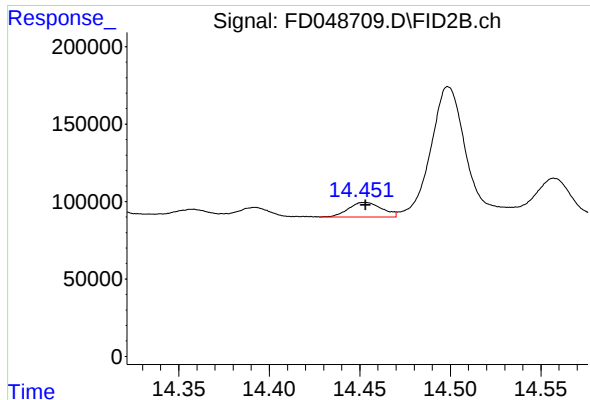
#12 Fluoranthene (C21.85)

R.T.: 12.265 min
Delta R.T.: -0.027 min
Response: 285472
Conc: 1.73 ug/ml



#13 Pyrene (C20.8)

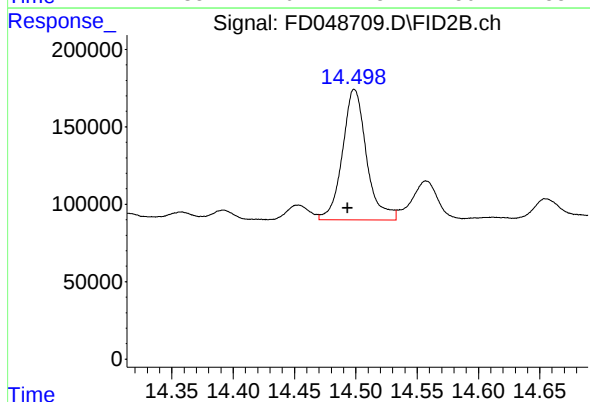
R.T.: 12.605 min
Delta R.T.: 0.021 min
Response: 65991
Conc: 0.41 ug/ml



#14 Benzo[a]anthracene (C26.37)

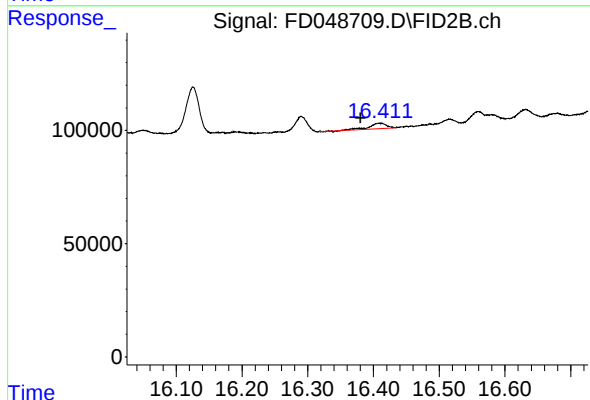
R.T.: 14.453 min
Delta R.T.: 0.000 min
Response: 120119
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :



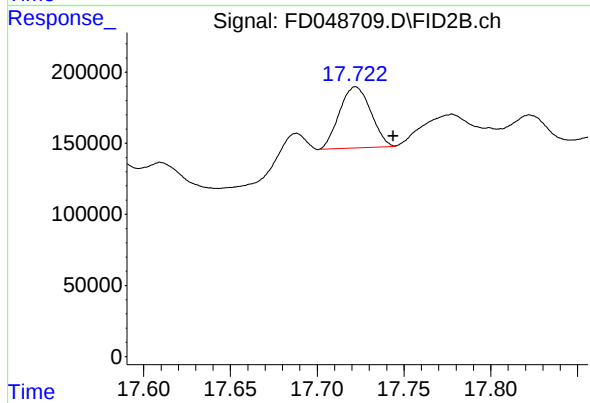
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.006 min
Response: 1151550
Conc: 7.00 ug/ml



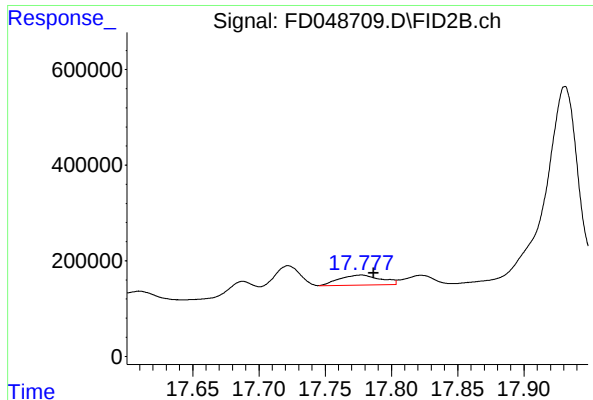
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.410 min
Delta R.T.: 0.029 min
Response: 45591
Conc: 0.30 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

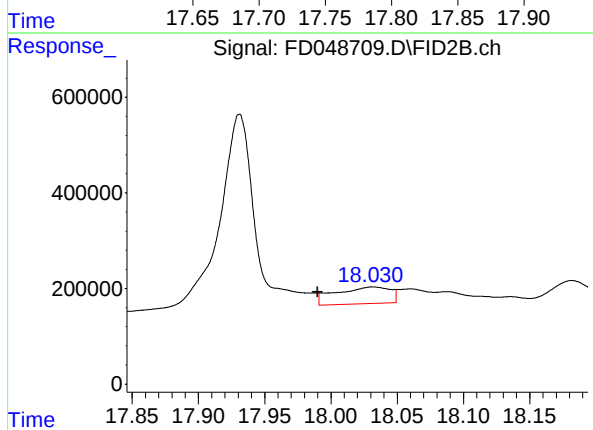
R.T.: 17.722 min
Delta R.T.: -0.022 min
Response: 540396
Conc: 4.14 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.777 min
Delta R.T.: -0.010 min
Response: 460529
Conc: 2.83 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.032 min
Delta R.T.: 0.042 min
Response: 1008400
Conc: 6.59 ug/ml